



Handwritten mark

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor's Application of

Jun-ichi Ishikawa et al.

Application No.: 10/820,842

Filing Date: April 9, 2004

Title: **CROSSLINKABLE AROMATIC RESIN
HAVING PROTONIC ACID GROUP,
AND ION CONDUCTIVE POLYMER
MEMBRANE, BINDER AND FUEL
CELL USING THE RESIN**

)
)
) Group Art Unit: 1745
)
) Examiner: Tracy Mae Dove
)
) Confirmation No.: 8474
)

**THIRD
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge ____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date May 1, 2007

By:

Robert G. Mukai
Robert G. Mukai
Registration No. 28531

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620



In re Patent Application of

Jun-ichi Ishikawa et al.

Application No.: 10/820,842

Filing Date: April 9, 2004

Title: **CROSSLINKABLE AROMATIC RESIN
HAVING PROTONIC ACID GROUP,
AND ION CONDUCTIVE POLYMER
MEMBRANE, BINDER AND FUEL
CELL USING THE RESIN**

Group Art Unit: 1745

Examiner: Tracy Mae Dove

Confirmation No.: 8474

**THIRD
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

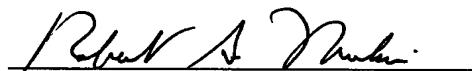
- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge ____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date May 1, 2007

By:


Robert G. Mukai
Registration No. 28531

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Jun-ichi Ishikawa et al.)

Application No.: 10/820,842)

Filed: April 9, 2004)

For: CROSSLINKABLE AROMATIC RESIN)
HAVING PROTONIC ACID GROUP,)
AND ION CONDUCTIVE POLYMER)
MEMBRANE, BINDER AND FUEL)
CELL USING THE RESIN)

Group Art Unit: 1745

Examiner: Tracy Mae Dove

Confirmation No.: 8474

THIRD INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

JP 2004-047244 is related to the above-identified application. The other cited Japanese references were cited against the JP '244 application by the Japanese Patent Office.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: May 1, 2007

By: Robert G. Mukai
Robert G. Mukai
Registration No. 28531

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Jun-ichi Ishikawa et al.)	Group Art Unit: 1745
)	
Application No.: 10/820,842)	Examiner: Tracy Mae Dove
)	
Filed: April 9, 2004)	Confirmation No.: 8474
)	
For: CROSSLINKABLE AROMATIC RESIN)	
HAVING PROTONIC ACID GROUP,)	
AND ION CONDUCTIVE POLYMER)	
MEMBRANE, BINDER AND FUEL)	
CELL USING THE RESIN)	

THIRD INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

JP 2004-047244 is related to the above-identified application. The other cited Japanese references were cited against the JP '244 application by the Japanese Patent Office.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: May 1, 2007

By: Robert G. Mukai
Robert G. Mukai
Registration No. 28531

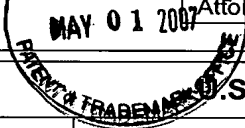
P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

**THIRD
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/820,842
Filing Date	April 9, 2004
First Named Inventor	Jun-ichi Ishikawa et al.
Examiner Name	Tracy Mae Dove
Attorney Docket No.	1033622-000008

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	2004-047244*	A	JAPAN	02-12-2004						X*	
	2000-299117*	A	JAPAN	10-24-2000						X*	
	11-067224*	A	JAPAN	03-09-1999						X*	
	04-144062*	A	JAPAN	05-18-1992						X*	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

***Copy attached.**

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.